

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0503948100**  
**Status:** **Active**  
**Overview:** Milli-Grid™ Connector System  
**Description:** Milli-Grid™ Crimp Terminal, Bag, 0.38µm Select Gold, Lead free

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Literature (PDF)</a>             |
| <a href="#">Product Specification PS-51110-001 (PDF)</a> |  |

**General**

|                             |                                     |
|-----------------------------|-------------------------------------|
| Product Family              | Crimp Terminals                     |
| Series                      | <u>50394</u>                        |
| Application                 | Signal                              |
| Crimp Quality Equipment     | Yes                                 |
| MolexKits                   | Yes                                 |
| Overview                    | <u>Milli-Grid™ Connector System</u> |
| Packaging Alternative       | <u>50394-8051 (Reel)</u>            |
| Product Literature Order No | 987650-1991                         |
| Product Name                | Milli-Grid™                         |
| UPC                         | 800753576216                        |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Nickel               |
| Net Weight                     | 24.297/mg            |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.381µm              |
| Plating min - Termination      | 2.032µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.40mm max.          |
| Wire Size AWG                  | 24, 26, 28, 30       |
| Wire Size mm²                  | N/A                  |

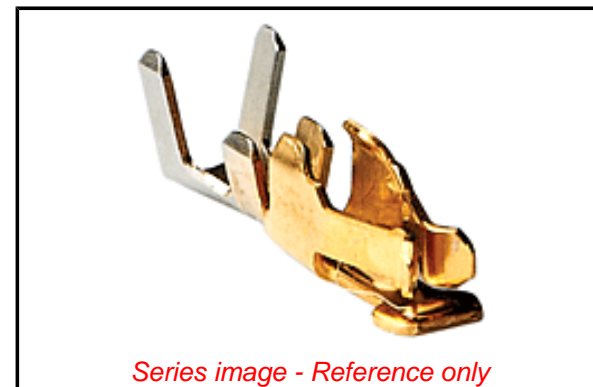
**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                       |                              |
|-----------------------|------------------------------|
| Product Specification | PS-51110-001                 |
| Sales Drawing         | SD-50394-8***, SD-50394-8XXX |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

50394 Series

**Use With**

51110 Crimp Housing

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|                     |                   |
|---------------------|-------------------|
| Hand Crimp Tool for | <u>0638190100</u> |
| Crimp Terminals     |                   |